

ARG64077 anti-Semaphorin 3E antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Semaphorin 3E
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog, Pig
Tested Application	IHC-P
Specificity	This antibody is expected to recognise both reported isoforms (NP_036563.1; NP_001171600.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Semaphorin 3E
Species	Human
Immunogen	C-NGGRYGTTKDYPDD
Conjugation	Un-conjugated
Alternate Names	Semaphorin-3E; SEMAH; M-SemaK; coll-5; M-SEMAH

Application Instructions

Application table	Application	Dilution
	IHC-P	4 - 6 µg/ml

Application Note IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 9723 Human](#)

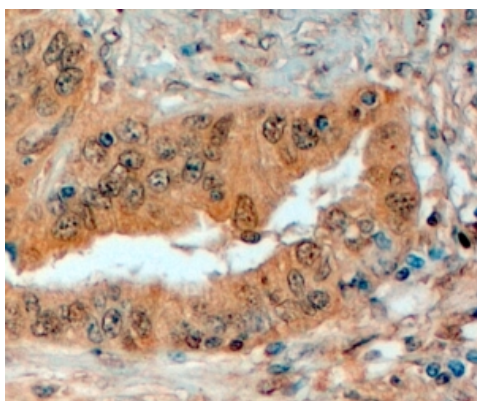
[Swiss-port # O15041 Human](#)

Background Semaphorins are a large family of conserved secreted and membrane associated proteins which possess a semaphorin (Sema) domain and a PSI domain (found in plexins, semaphorins and integrins) in the N-terminal extracellular portion. Based on sequence and structural similarities, semaphorins are put into eight classes: invertebrates contain classes 1 and 2, viruses have class V, and vertebrates contain classes 3-7. Semaphorins serve as axon guidance ligands via multimeric receptor complexes, some (if not all) containing plexin proteins. This gene encodes a class 4 semaphorin. This gene encodes a class 3 semaphorin. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2010]

Research Area Neuroscience antibody

Calculated Mw 89 kDa

Images



ARG64077 anti-Semaphorin 3E antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Prostate. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64077 anti-Semaphorin 3E antibody at 4 µg/ml dilution followed by HRP-staining.